

FOLIO

UNIVERSITY OF ALBERTA
30 OCTOBER 1992



INSIDE

- Bill Ayer has few equals as a natural products chemist
- Recruitment poster conveys the message succinctly and colourfully



Students David Spence and Doreen Ritter enjoy Martha Johnson's company. A short while later, at a luncheon attended by President Paul Davenport and Dean of Student Services Peter Miller, Johnson was presented a certificate of recognition.

Lotus Studio

Martha Johnson's generosity moves students

Of the many ceremonies and recognition events that have taken place at the Faculty Club, one of the warmest was last Friday's luncheon at which Martha Johnson was thanked for her generosity to the University.

Martha Johnson is a woman of indomitable spirit who, upon observing that mobility impaired students were having a tough time getting to class on schedule, bought a motorized wheelchair for the Office of Disabled Student Services. It was immediately put to good use that year (1983) so she contributed money for another, and then another. Six motorized wheelchairs, called Portascoots, are now in use. A few weeks ago Johnson was told that David Spence, who has MS, was prone to tiring easily and was thinking that his internship might be more than he could handle. Asked if he'd like to use a Portascoot, he said yes. Asked a bit later how things were going, he said, "'Martha' and I are doing just fine."

When there was no longer a pressing need for another Portascoot, Johnson continued to make donations that could be used as necessary. "They might not need a chair but one that they have might need repairs," she reasoned. At this point, one where others might be content to say 'I've done what I can, now

it's up to someone else', Johnson proceeded to make another gift—\$10,000 to establish an endowment in Disabled Student Services.

Born with a dislocated hip and other disabilities in her hands, feet, legs and back, Johnson has been a model of perseverance. "When I was five years old my parents took me to a doctor in Chicago who put braces on my legs and I learned to walk. One pair was for walking and another pair for sleeping at night, so for many years I was never out of those heavy braces. It wasn't easy but I lived with them and accepted them as a fact of life. I walked a mile to a one-room country school for Grades 1 to 9."

Her self-sufficiency helped see Johnson through the Depression and the War years and to the completion of a business course at McTavish Business College. Hired by the provincial government at a salary of \$56 a month, she remained in the civil service for 35 years, 30 of them in the Department of Vital Statistics. She was a face in the crowd at 9 and again at 5, her diminutiveness making bus rides a rather harrowing experience. "I've always said it was harder getting to and from work than doing the work itself."

Continued on page 3

Future looks bright for East Asian studies/languages on U of A campus

Department now funded in the base budget

When the Department of East Asian Languages and Literatures couldn't find the money to teach important courses, some of its sessionals insisted on teaching them anyway—for free. And when there was no money for funding markers, some of the department's professors hired them anyway—and paid them out of their own pockets.

The department, which has had its share of ups and downs, became a full-fledged member of the U of A family last week. For 10 years, the Alberta Government has been funding the department with conditional grants from year to year. Now, however, the government has decided to discontinue that practice and move the funding into base budgeting. Administrators were quick to applaud the government's vote of confidence in the department.

"If you're on the conditional grant, you don't know this year whether you'll be around as a department next year," says Acting Chair Peter Schouls (Philosophy). "This has become a good department ... and now one of the three or four best departments in North America."

It has become a strong teaching and research department. Student demand, particularly from business students, has steadily increased. "And we are at the eastern edge of the Pacific Rim," Dr Schouls says. "There's a

great deal of trade here with Japan, Korea, Taiwan and China. So for political reasons it would be inexpedient not to have a department in which students can study the language and culture of nations that we are going to be increasingly involved with politically and economically."

The department will receive roughly \$1 million, the same amount of money it receives now, to run its affairs, but now it can count on it, Dr Schouls outlines. (The government is actually funding the program in Chinese Language and Literature and the program in Japanese Language and Literature.)

The department is advertising for a junior-level position and for a new Chair who will lead the department during what will be an exciting period in its history. That person will oversee the integration of the Department of East Asian Languages and Literatures and the East Asian Studies Program.

Before the department existed, an interdisciplinary East Asian Studies Program offered courses in political science, history, anthropology, philosophy and other courses, excluding languages. "The [program's] committee decided that there really should be a department teaching languages and literature of these countries," explains Dr Schouls. So eventually, the department was born.

"The question was should those two entities be integrated?" The administration subsequently directed that integration take place and the department came up with a proposal and passed it on to the adjunct professors for their consideration.

"This has become a good department ... and now one of the three or four best departments in North America."

Peter Schouls

The department will offer three Bachelor of Arts degrees, one in Japanese, one in Chinese and one in East Asian Studies. Asked whether this consolidation will benefit students and student recruitment, Dr Schouls says that's one aspect of it. "This also means there'll be more integration of scholarship being done across the campus in East Asian studies, whether that's in language, culture, literature, politics, philosophy or history."

"What the department now has is a strong and lively interdisciplinary component," he says. The department also has a Korean lan-

guage and culture trial program, jointly funded by the Alberta Government, Korean Government and the Asia Pacific Foundation.

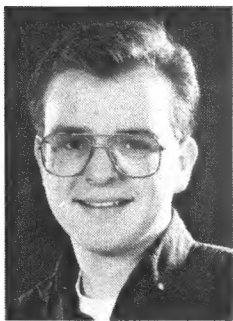
There are 10 regular faculty members in East Asian Languages and Literatures, one of which is a cross appointment, at least that many sessionals and about 12 adjunct professors. The latter group, all from the Faculty of Arts, will likely come to include professors from other Faculties, Dr Schouls predicts.

"These changes are going to work, because people are eager to make them work," he says. It's a fortunate coming together of all sorts of things: political and economic circumstances, the integration of the studies and language programs, a favourable PACCR review, and interest and support from senior administrators.

A modest graduate program is also being planned. The department is developing proposals for three MAs, one in Chinese, one in Japanese and an interdisciplinary MA in East Asian studies. "We hope to have a proposal to the Dean of Arts and the Faculty of Graduate Studies and Research by the end of the academic year," Dr Schouls says.



Ron Bercov



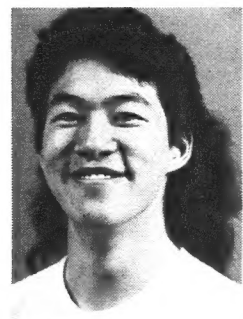
Randy Boissonnault



Steve Karp



Graham Lock



Winston Pei



Tom Powrie



Penny Reeves

New faces on the Board of Governors

Nicely into their terms on the University of Alberta Board of Governors are Ron Bercov, Randy Boissonnault, Steve Karp, Graham Lock, Winston Pei, Tom Powrie and Penny Reeves.

Dr Bercov, a representative of General Faculties Council, will be on the Board for three years. A graduate of this University (BSc) and of the California Institute of Technology (PhD), Dr Bercov is a professor and Chair of the Department of Mathematics. In his 25 years on campus, he has held a number of administrative posts, including Associate Vice-President (Academic) and Acting Dean of Science.

Boissonnault, by virtue of his position as President of the Students' Union, sits on the Board for one year. He is enrolled in an honors BA (Canadian Studies) program at Faculté Saint-Jean. Boissonnault has been awarded several prizes and scholarships while at the University, including a Peter Loughheed Scholarship, University of Alberta Gold Key Award and the Matthew J Ashton Leadership Prize. He has also served as Vice-President (External) of the Students' Union.

As President of the Graduate Students' Association, Karp is another ex officio member of the Board. He, too, will be a Governor for one year. He earned an MA (History) at the University of Alberta and is currently enrolled in the PhD (History) program. Karp is a former Vice-President (Internal) of the GSA; he also sat on the University Research Policy Committee. He has been a member of General Faculties Council since 1989.

Lock is president of Northwestern Utilities Limited of Edmonton and the Canadian Western Natural Gas Company of Calgary. He is also president of CU Gas Limited, the non-utility, non-regulated arm of the CU group which pursues complementary business in natural gas gathering, processing, storage, transmission and distribution. An alumnus of the U of A, Lock will serve a three-year term on the Board of Governors.

Pei, the Students' Union representative to the Board, is in his final year of the BA degree (English) program. He is a former production editor of *The Gateway* and has been a Campus Ambassador and Summer Seminar Leader and a member of the advisory board for Students' Orientation Services. He will be a Board member for one year.

A General Faculties Council representative on the Board for the next two years, Dr Powrie, joined the Department of Economics in 1959 and was its Chair from 1969 to 1972. In 1988 he was Acting Dean of the Faculty of Arts. Dr Powrie received his undergraduate and master's degrees from the University of Saskatchewan and his doctorate from Oxford University.

Reeves' appointment to the Board is for three years. P.R. Office Services, the company Reeves has owned since 1984, was named the 1989 St Albert Small Business of the Year. Community experience is one of her strong suits: she was a member of the St Albert Protestant School Board from 1980 to 1983 and its Chair in 1983, president of the St Albert Chamber of Commerce in 1991 and president of the Friends of Musée Heritage Museum in St Albert in 1990.

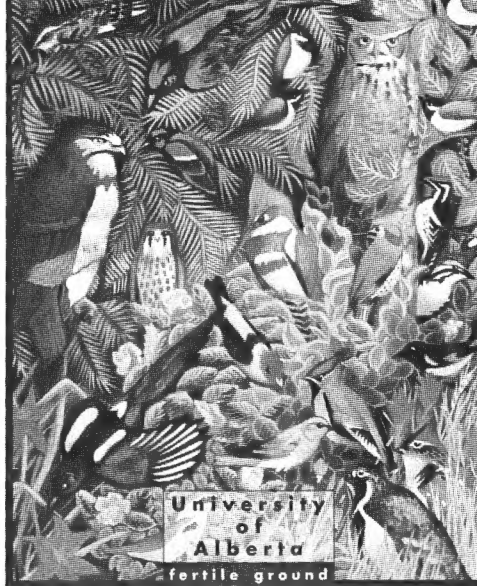
University's new recruitment poster speaks of the many opportunities awaiting students

The University's newest VIP (Very Important Poster) has seemingly won over everyone on campus who's seen it. An even bigger test—high school students' reaction to "University of Alberta - Fertile Ground"—is under way, staff from the Registrar's Office having begun to use the poster and a companion piece called *The Preview* in the fourth week of September.

"Our new recruitment publication [*The Preview*] and poster are hot off the press and already finding their way to high school students throughout the country. We're excited about the new look and so far the response has been fantastic," BJ Purves, Assistant Registrar, writes in *Pipeline*, a new publication for U of A administrators and faculty.

Purves, Raymond Au, graphic designer in Technical Services, and Leslieanna Blackner, a 1986 BFA graduate of this University, produced "Fertile Ground." Purves and Au hit on the idea of using a teeming mass of birds and vegetation to indicate that the University's many programs and activities do indeed constitute fertile ground. Au then put the idea on paper and the Registrar's Office commissioned Blackner, a large format landscape painter, to create an oil painting.

With high schools throughout the province displaying good quality posters from any number of universities, it's important that "Fertile Ground" a) be distinctive and b) send a message instantaneously. "The artwork is visually stimulating and readily attracts attention," says Registrar Brian Silzer. "We know we'll have a big impact in schools with this combination of the poster and *Preview* [a combination of the 30-page Admission Requirement Brochure and the eight-page glossy *Prospectus*]."



"University of Alberta - Fertile Ground" is a generous slice of Wild Rose Country. Each of the 20 birds and 14 plants represented is indigenous to Alberta.

"University of Alberta - Fertile Ground" will also appear on the cover of the University's 1993-94 Calendar, due out in early February. Members of the University community who would like a copy of the poster for their office or lab or, perhaps, for their own liaison efforts with high school students, are asked to drop by the Access Centre on the main floor of the Administration Building.

Four thousand posters were printed. Besides going to high schools throughout Alberta, copies have been forwarded to various high school across Canada as well as to a few high schools in the US and Europe. "The more people that have it around the happier we are," Purves says. Looking at earlier printed materials she helped prepare for high schools, she says there are a few things she'd like to revise. She wouldn't, however, "change a thing about 'Fertile Ground'."

FOLIO

Volume 30 Number 12

OFFICE OF PUBLIC AFFAIRS,
423 ATHABASCA HALL
UNIVERSITY OF ALBERTA, EDMONTON,
ALBERTA T6G 2E8

TEL: (403) 492-2325 FAX: 492-2997
MTS - TJMH PROFS - ZZOPA

All enquiries and correspondence should be directed to:

RON THOMAS: EDITOR

MICHAEL ROBB: ASSISTANT EDITOR

Public Affairs produces *Folio* on a regular basis for the staff and other interested persons.

DEADLINES:

Notice of coming events: 9 am three weeks in advance of event. **Classified advertisements:** 3 pm one week before desired publication date. This date also serves as the deadline for cancellation of advertisements.

Advertisements cost 40 cents per word with no discount for subsequent insertions. There is a limit of 30 words and a minimum charge of \$2.00. Advertisements cannot be accepted over the telephone. All advertisements must be paid for in full at the time of their submission.

Display advertisements: 3 pm Friday, seven days before desired publication date. Camera ready artwork is required to size, complete with halftones if necessary. Contact Public Affairs for sizes, rates and other particulars.

The editor reserves the right to limit, select, edit and position submitted copy and advertisements. Views expressed in *Folio* do not necessarily reflect University policy. *Folio* contents may be reprinted with acknowledgment.

ISSN 0015-5764 Copyright 1992



University
of
Alberta

CURRENTS



Faculty of Education schedules open house

The Faculty of Education invites members of the University community to attend an open house, 5 November, 1:30 to 4 pm. The occasion is the opening of the Undergraduate Student Services Office in 1-107 Education North. Refreshments will be available.

Information session on Student Services

Topic: Student Services - How Can They Help You? **Date:** 9 November. **Time:** 10:30 am to noon. **Location:** Heritage Lounge, Athabasca Hall. **Presenters:** Peter Miller, Dean of Student Services; Jennifer Lamb, Career and Placement Services; Ann Kelly, Office of Services for Students with Disabilities; Deirdre Ah Shene, International Centre; Edna Coffin, Native Student Services; Reinhild Boehm, Personal and Academic Resources; Jiang Liu, Student Financial Aid and Information Centre; Perry Thorborne, University Health Services. **Fee:** There is no registration fee, but those persons interested in attending are asked to register by 2 November. For further information on the Student Services session, call 492-2796.

Career forums

To help students in career planning and career decisions, Career and Placement Services has scheduled the following forums: Occupational Therapy Career Forum, 5 November, 6 to 9 pm, 239 Corbett Hall; Marketing Career Forum, 12 November, 6 to 9 pm, 1-103 HM Tory Building; and Environmental Career Forum, 19 November, 6 to 9 pm, L-1 Humanities Centre.

Tickets for each forum are \$3 and are available at CaPS, 4th floor SUB.

'Ball's circle: A merry go 'round in Systematics'

To mark the retirement of GE Ball (Entomology), a reception and symposium will be held 6 and 7 November. The reception will be on 6 November, 3:30 to 5 pm, 5th floor of the Agriculture-Forestry Centre. The symposium is scheduled for both days, 1 to 3 pm on 6 November, and 9 am to 5 pm on 7 November. The location is TBW-2 HM Tory Building.

'Defining African Aesthetics' is McCalla Professor's objective

Written African literatures go back hundreds of years, having existed long before the colonial era. As an academic specialization, the study of African literatures is barely a quarter of a century old. Stephen Arnold (Comparative Literature), one of the leaders of the second generation of several hundred scholars from around the world who specialize in African literatures, complains that the study of this rich field has from the outset been mired in political discussion which continues to divert attention from the sophistication of its subject matter.

As a 1992-93 McCalla Professor, Dr Arnold will initiate a program composed of several projects to develop aesthetic theories which will, he hopes, lead to this field's demarginalization, de-ghettoization and de-racialization so that it may make its rightful contribution to an adjusted, corrected paradigm of world literary aesthetics.

He has planned a series of interdisciplinary projects involving PhD students, postdoctoral fellows and senior colleagues from many universities. As a long-term program made up of modular units, the projects are designed to catalyze a "universal" grasp of aesthetics as a systematic account of related human phenomena rather than as several racially, ethnically, nationally or linguistically determined subsets which allow no generality.

As the initiator of this large undertaking, Dr Arnold views "the nonhegemonic duty of Comparative Literature as a discipline to give concrete expression to the ideals of multiculturalism." He points out that this view was expressed almost a century ago by the Ghanaian philosopher Aggrey in his "Parable of the Piano Keys": "You can play a tune of sorts on the white keys and a tune of sorts on the black keys, but for harmony you must use both the black and the white."

DEFENSIVE DRIVING COURSE BEING ARRANGED

A six-hour defensive driving course is being arranged on campus by the Division of Occupational Health and Safety. This course has tentatively been arranged for the afternoons of 23 and 24 November (1 to 4 pm both days) and will be subject to there being a sufficient number of registrants to justify the presentation of the course.

The course will be presented by the Edmonton Safety Council and is recognized by the provincial government by a reduction of up to 3 demerits from the driver's licences of those who successfully complete the course.

The cost of the course is \$37.50, including GST. Cheques (payable to the U of A) or indents should be forwarded to Gordon Weir, 107 Education Car Park (telephone 492-5378), no later than 6 November. Registration fees will be refunded if the course is not offered.

Johnson

Continued from page 1

Total independence came at the age of 40 when she bought herself a car. "I didn't tell my parents that I had my car until I had my driver's licence as they and most of my friends thought it wasn't the thing for me but I proved them all wrong and now they know it was the smartest thing I ever did." She was soon driving long distances during her vacations, and winning a few trophies at car club rallies. She is a Life Member of the Edmonton Light Car Club.

Johnson, who retired on a secretary's pension in 1978, lives life to the fullest. She maintains her own ground floor apartment, sews all her clothes, travels extensively, and philosophizes that "we can do just about anything if we want to do it badly enough. But sometimes we need a little help along the way."

Two Aussies spending a term enrolled in Faculty of Law

Here via aboriginal student exchange

Two aboriginal students from the University of New South Wales are spending this term enrolled in Faculty of Law courses.

Peter Fryer and Sonja Stewart are participating in the two universities' aboriginal student exchange. Two U of A students, Kathy McKinnon and Tina Dion, are currently at New South Wales.

According to Stewart, who traces her aborigine ancestry through her father's side of the family, the University of Alberta appears to be more student-oriented than New South Wales. For example, U of A libraries are open longer, the law library staff is very helpful and the Faculty has a common room for students. "People should appreciate these things."

On the other hand, New South Wales has smaller classes and a lot of class participation, says the 22-year-old. New South Wales doesn't have as many professors as the U of A, and relies more heavily on lecturers who come from the profession, she explains.

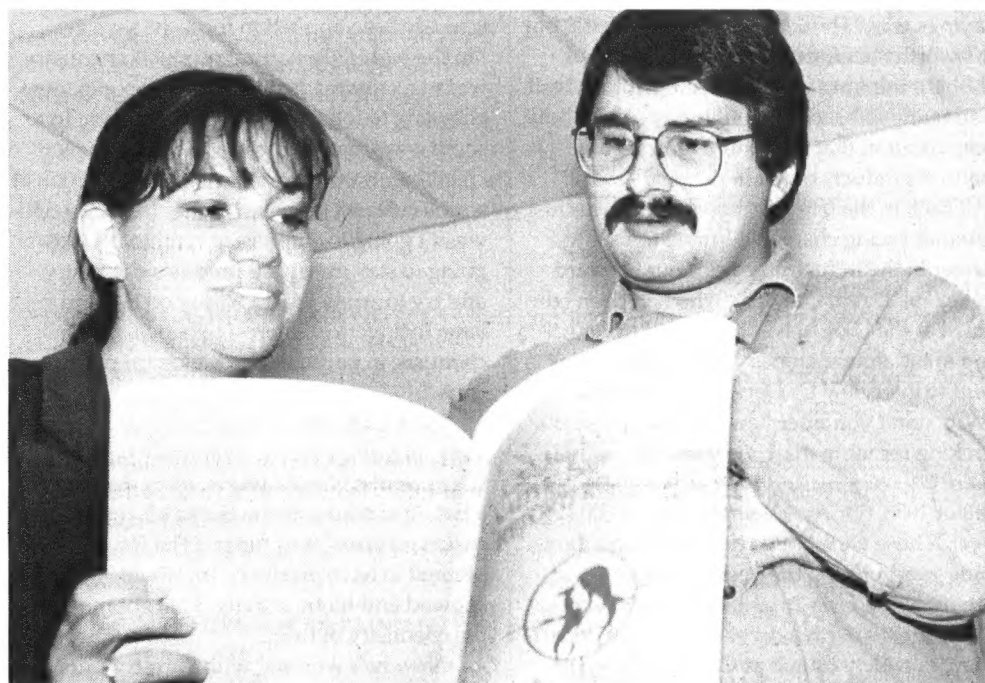
There aren't any drastic differences in the two schools' curriculum, Stewart observes.

Although both campuses are roughly the same size, there is a stronger and more visible

aboriginal student presence at the U of A, she says. (The U of A has roughly three times as many aboriginal students enrolled.) New South Wales has an aboriginal law students association. "Obviously, some of the things you're doing here are working. It's important to get more aboriginal people into secondary education," Stewart says. Fryer adds, however, that in New South Wales only 350 aboriginal students complete high school every year. Many simply can't afford higher education.

On the future of the aboriginal students exchange, Stewart says she'd like to see it strengthened and continued, but there are a lot of hurdles to clear just to get here, she explains, noting the extraordinary costs involved just to fly from the one continent to the other.

Larry Chartrand, Director of the Faculty of Law's Indigenous Law Program, said it is unusual for students to transfer even among Canadian law schools. So this program is particularly special, and since it is a new experience, it will likely be assessed and re-evaluated in an effort to improve upon it.



Larry Chartrand, Director of the Faculty of Law's Indigenous Law Program, discusses aboriginal issues with University of New South Wales student Sonja Stewart.

Both students believe the program has given them cross-cultural perspectives they otherwise wouldn't have gained. Fryer is struck by the number of distinctions among aboriginal people in Canada. Classifications such as status, nonstatus and Metis don't exist

in Australia, says Fryer, who traces his aborigine ancestry through his grandmother on his father's side.

"I think the reason the government initiated these classifications was to create infighting among aboriginal people. It seems to have worked very well."

Canada Career Week set for 1-7 November

Career and Placement Services will be much in evidence

Did you know that many employers are already recruiting for their summer and graduate positions? Not many faculty or students do. However, officials at Career and Placement Services (CaPS) want to make sure that students are as well informed as possible about job markets and career choices.

CaPS, a University-operated career centre offering career planning and job search services to students and alumni, and recruitment services to employers, is hopeful that Canada Career Week, 1 to 7 November, will provide the opportunity to convey a wealth of information that students will find useful.

Career Week is a federal government initiative, and at universities and colleges across the country units such as CaPS take advantage of the opportunity to highlight some of their career planning and recruitment services. "It's also really important to let the staff at the University know what we do," CaPS Director

Wendy Coffin says. "We've been working hard with open houses and inviting them to other events we organize."

Joan Schiebelbein, Manager of Career Services, says CaPS will be setting up information booths at SUB, CAB and HUB next Wednesday, Thursday and Friday. Costumed staff members will be speaking to students about the importance of career planning. The slogan this year is "CaPS, A Hitchhiker's Guide to the World of Careers".

"We want to stress the importance of career planning," Schiebelbein says. "You're [students] here now, but have you thought about what you want to do after you graduate? We want to raise the awareness of how CaPS can help."

Coffin points out that many students move from one academic discipline to another during their time at university. "We really encourage students to start using us by

Continued on page 4

NOTICE TO ALL UAPP/PSPP PARTICIPANTS

This notice is important to you if you have any eligible prior service you wish to establish as pensionable under the current costing formulas

Alberta Treasury has indicated that commencing 1 January 1993 (tentative, pending the fall sitting of the Provincial Legislature), new requests to purchase prior service will be costed on a cost-neutral basis in order to secure the financial base of our pension plans. Clarification of the exact formula(s) which will be employed to cost service on a cost-neutral basis is pending. However, it is predicted that the cost to establish most types of service will increase significantly.

Even if there is no fall sitting of the legislature, we believe that the legislation will be passed when it does sit. Since the costing change may have an adverse financial affect, you may wish to take this opportunity to increase your future pension income under the current and more favourable costing formulas.

Before calling Pension and Benefits Administration for information, please refer to the Prior Service Costing Procedure which has been mailed to you.

Ayer learned how to pay attention to detail under the tutelage of Nobel Prize winner

U of A names outstanding chemist University Professor

Bill Ayer still has the letter Nobel Prize Winner in Chemistry Robert Woodward sent him from Stockholm in 1965. Eight years earlier, Dr Ayer's postdoctoral fellowship at Harvard University afforded him the opportunity to work with Dr Woodward. By anyone's definition, those were exciting times in the world of chemistry.

"He did the first total synthesis of chlorophyll," explains Dr Ayer, whose postdoctoral work contributed to the four-year project. Dr Woodward was the first in modern organic chemistry to point out that anything can be synthesized. "As he would say, 'All you have to do is think about it long enough.'"

Fresh from earning his PhD at the University of New Brunswick, Dr Ayer was thrown into an environment many young chemists would have envied. "I learned that year that it's very important to pay attention to detail, and if you have a chemical problem and you think about it long enough, you'll probably be able to solve it. One of Woodward's favourite sayings was, 'Thinking is very hard work, but it's worth the effort.'" Dr Ayer evidently thought thinking was worth the effort as well, and many of his colleagues today say without equivocation that he is this country's top natural products chemist.

Back in the late '50s, however, he was just another young chemist destined to follow a career in the industrial world. But Harvard colleague David Darwish, who had been educated at the U of A, was interested in returning to his alma mater. "A staff member was sent to interview Dr Darwish. Dave said, 'Why don't you interview too, Bill? Alberta's looking for more than one person.'" Both were offered jobs, and both arrived here in the fall of 1958. (Dr Ayer's salary was \$6,000 a year.) Those were the days when Harry Gunning was building the department on the strength of young, bright, up-and-comers.

More than three decades later, the department is widely touted as Canada's best, primarily because of its ability to attract people like Dr Ayer, who was recently awarded the distinguished honour, University Professor, by the University of Alberta.

"I didn't really want to be an academic," says the 60-year-old chemist. "I wanted to be an industrial chemist who worked short hours and made a lot of money. But we tried it for a couple of years and we're still here," says Dr Ayer, who, along with his wife Dorothy, raised six children in Edmonton. "I was intrigued so much with chemistry that working 16 to 18 hours a day didn't bother me.

"I enjoyed teaching, and I didn't really think I would," he said. "I've never really felt comfortable in front of the class, except that now I accept the fact that that's the way it is."

One day Reuben Sandin, a charismatic teacher who just happened to teach the other section of organic chemistry, told Dr Ayer, "When you get over being scared, quit." "The other thing he told me that I'll always remember is that 'whenever you walk into a class, remember there's probably someone out there who's a hell of a lot smarter than you are.'" Dr Ayer still teaches introductory organic chemistry—and loves it.

"To be a good chemistry teacher, you've got to be an entertainer. You've got to first catch their attention, and once you do that you can teach them some chemistry," he says, adding that he wants his students to know he's a human being, one who owns a race-horse and is a grandfather of four children.

"Professor Ayer's enthusiasm for the subject material in his course was infectious and this, combined with his sense of humour and genuine concern for his students' well-being, motivated everyone to work hard and actually enjoy it," says UBC professor Ray Andersen, a former student who acknowledges Dr Ayer was influential in his own decision to build a career in natural products chemistry.

Dr Ayer's community service has largely focused on the national chemistry community. He's a member of the Chemical Institute of Canada, the American Chemical Society and the Royal Society of Canada. He was the editor of the *Canadian Journal of Chemistry* for more than a decade. He's a past vice-president and president of the Canadian Society for Chemistry. He's candid about his administrative responsibilities: first and foremost, he's a teacher and researcher and they must not be compromised.

Asked whether his research has consciously been applied in focus, he says yes. "In the early '70s, natural products chemistry was at a crossroads where many people were choosing to follow the Woodward path. In some ways, natural products chemistry was changing. It was no longer sufficient to look at a molecule just because it's there. I decided I wasn't going to emphasize synthesis. I was going to stay in natural products chemistry and try to apply what I was good at to problems that were of interest to people besides chemists, in particular, to biological problems."

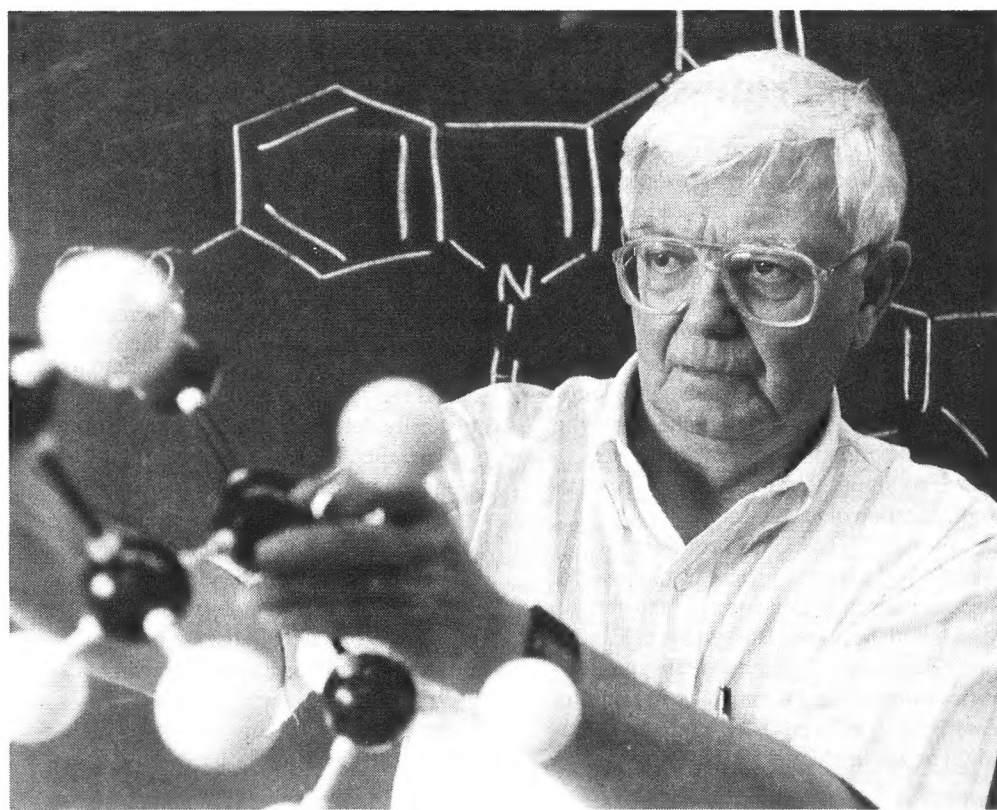
In fact, Dr Ayer's work has been deliberately interdisciplinary. That really began when he met Harold Brodie (now deceased), a botanist who was the world's foremost expert on birds'-nest fungi. "The fungi seemed to have produced metabolites which showed anti-biotic activity. That got me into the chemistry of fungi."

Now he's working with Forestry Canada scientist Yasuyuki Hiratsuka and U of A mycologist Lynne Sigler in an effort to determine why aspen trees with a certain type of black gall are not attacked by wood rotting fungi. The research, funded by the Natural Sciences and Engineering Research Council of Canada, has obvious consequences for the forest industry. According to Professor Sigler, Dr Ayer strives to understand biology, an interest that's fundamental to his success in establishing collaborative research with mycologists and plant and forest pathologists.

"This allows me to use the chemistry I do best to solve problems. We haven't solved the aspen problem yet, though," he says, adding that the good scientists are very much in touch with the world around them.

Dr Ayer feels obligated to create an atmosphere for his postdoctoral, master's and doctoral students in which it is fun to do chemistry—just as Dr Gunning did for him. He's had 40 students receive their PhDs under his tutelage. "I'm proud of that.

"Every once in a while I realize the memory's not quite what it used to be. I can no longer sit down and read six journals in an evening and remember everything that's in them. On the other hand, you do have the ability to see problems in the context of experience," he explains. And that experience is invaluable to younger faculty members. It works both ways: Dr Ayer says it's exciting working with younger chemists. "They're very invigorating to be around, and one of the roles one plays in the later years is to simply be supportive of these people ... in the same



Bill Ayer: forsaking a life in the industrial world for a career in academe.

way Harry Gunning, Reuben Sandin and Ray Lemieux were for me."

Students' respect and admiration for Dr Ayer are reflected in his teaching evaluations, and he in turn respects his students. He doesn't share the view that some others hold about students of today. "I like what I see compared to 20 years ago. These young people are much more receptive to new ideas than before. They're involved and interested in learning."

Furthermore, there's no longer a disenchantment with science that there was, say, 20

years ago. Chemistry, however, still doesn't command the respect among the broader public that it should, he states candidly. One of his pet peeves is the public's inability to put problems into perspective. He takes a dim view of the hysteria raised over issues such as PCBs when much more urgent problems cry out for attention. He deals with those issues in class and when students come to see him, there, hanging in his office, is one of his favourite maxims: "What in the world isn't chemistry?"

Faculty of Business set to bestow Henry Singer Award

Given for exceptional leadership in retailing and services

The 1992 recipient of the Faculty of Business Henry Singer Award for Exceptional Leadership in Retailing and Services is Jefferson Mooney, president of A&W Food Services Canada.

Mooney will receive the award 5 November.

Earlier in the day a workshop, which has been organized by the Canadian Institute of Retailing and Services Studies, will feature two prominent business leaders: Richard Peddie, president and CEO of the Toronto Skydome, and Uri Mayer, music director of the Edmonton Symphony Orchestra.

The workshop theme will be "The Phenomenon of Creativity". Participants will

discuss how they can provide creative leadership within organizations, and whether or not lessons can be learned from different organizations and economic sectors.

More information can be obtained from CIRASS, 3-23 Faculty of Business, 492-5820.

The Faculty is also inviting interested people to attend a reception 10 November to introduce the Chartered Accountants' Professor of Accounting, Lane Daley, the Stephen A Jarislowsky Distinguished Professor of Finance, Randall Morck, and the 1992-93 PhD Fellowship recipients. That event will be held in the Faculty Club at 4 o'clock.

Careers *Continued from page 3*

second-year, because what we promote is career-related experience during the summers. There's good evidence to support the idea that this makes for better students in the classroom."

CaPS is also set to launch a new interactive career planning computer program called The Discover System. Schiebelbein says the program can be used by students who have no idea what they want to do after school, by students who have some ideas and by students who just need to confirm for themselves that they're on the right track.

"The [seven-module] program takes you through the entire career planning process," Schiebelbein says. "It's been used in American high schools and postsecondary institutions and now it's been Canadianized."

Materials Management Orientation Sessions

The Department of Materials Management will be conducting Orientation Sessions for its client departments on campus.

Sessions will focus on the services offered by Materials Management; at the same time, Materials Management hopes to get feedback from clients as to how it can best serve their needs.

The following 90-minute sessions have been scheduled at the Materials Management Building (second floor Conference Room):

Tuesday, 3 November, 10 am and 2 pm;
Wednesday, 4 November, 10 am and 2 pm;
and Thursday, 5 November, 10 am and 2 pm.

To register, call 492-1226.

BOTANY

12 November, 3:30 pm

Daniel Archambault, "The Response of *Agrostis Scabra* Willd. Tickle Grass, to an Environmental Catastrophe at Sudbury, Ontario." M-149 Biological Sciences Centre.

CAMPUS MINISTRY

10 November, 7:30 pm

Sister Louise Zdunich, "Understanding Catholicism—Prayer." Newman Centre, St Joseph's College.

CANADIAN INSTITUTE OF UKRAINIAN STUDIES

12 November, 7:30 pm

Bohdan Karasymiw, professor, Department of Political Science, University of Calgary, "Should We Expect Democracy in Ukraine?" Heritage Lounge, Athabasca Hall.

CANADIAN MEDITERRANEAN INSTITUTE

12 November, 7:30 pm

Ian Campbell, "The Ebb and Flow of the Sahara in Tunisia" (with illustrations). Provincial Museum of Alberta, 12840 102 Avenue.

CENTRE FOR RESEARCH IN MATERNAL, FETAL AND NEWBORN HEALTH

3 November, noon

Larry Guilbert, "The Role of Cytokines in Enhancing or Diminishing Fertility." 2J4.02 Mackenzie Health Sciences Centre.

5 November, 7:30 pm

Tom Wegmann, "AIDS and the Unborn. Current Prospectives and Future Challenges." Bernard Snell Hall, Mackenzie Health Sciences Centre.

10 November, noon

John Van Aerde, "Alternate Intravenous Lipid Emulsions for the Neonate." 2J4.02 Mackenzie Health Sciences Centre.

DENTISTRY

30 and 31 October, 9 am

GH Sperber and GA Machin, "Craniofacial Development and Anomalies." Fee. Information and registration: Debbie Grant, 492-5023. Mackenzie Health Sciences Centre.

ENGINEERING

Poole Engineering Management Eminent Speakers Series

5 November, 11:30 am

Lester Thurow, dean, MIT Sloan School of Management, "Competitiveness and the New Global Economy and What It Will Take to Succeed." Tickets: \$20. Information: 426-4620. Convention Centre.

ENGLISH

2 November, noon

EL Bishop, "Re: Covering *Ulysses*"—on the packaging and marketing of James Joyce's novel *Ulysses*. L-3 Humanities Centre.

6 November, 2 pm

Larry Woiwode, an American novelist, will read from and discuss his recent work, *Indian Affairs*. L-3 Humanities Centre.

ENTOMOLOGY

12 November, 4 pm

Hugh V Danks, Biological Survey of Canada, Canadian Museum of Nature, "Insects of Boreal Canada." TB-W1 Tory Breezeway.

FAMILY STUDIES

2 November, 11 am

Brenda Munro, "Farm Work: Husbands and Wives' Perceptions." 3-57 Assiniboia Hall.

FOOD SCIENCE

5 November, 3:15 pm

Sandra Nesom-Fleet, "Color Stability in Meat." 1-13 Agriculture-Forestry Centre.

12 November, 3:15 pm

Dong-Uk Ahn, "Mechanism and Control of Lipid Oxidation in Meat and Meat Products." 1-13 Agriculture-Forestry Centre.

FOREST SCIENCE

4 November, noon

Jack Heidt, "Geographic Information System: It is More Than Just Smoke and Mirrors?" 849 General Services Building.

9 November, noon

Felix Sperling, postdoctoral fellow, University of Ottawa, "Spruce Budworm Population Genetics." 849 General Services Building.

GENETICS

30 October, 4 pm

Barry J Barclay, Department of Genetics and Molecular Oncology Program, Cross Cancer Institute, "The Biochemical Genetics of Folate Metabolism in *Saccharomyces Cerevisiae*." G-116 Biological Sciences Centre.

GEOGRAPHY

30 October, 3 pm

Peter Lafleur, Department of Geography, Trent University, "Microclimates of Sub-Arctic Forests." 3-36 Tory Building.

6 November, 3 pm

Bob Rogerson, Department of Geography, University of Lethbridge, "Using GIS in Geographical Research." 3-36 Tory Building.

GEOLOGY

6 November, 4 pm

J MacEachern, "Viking Formation Incised Valley Fills, Sundance Edson Fields." 1-04 Earth Sciences Building.

HISTORY

30 October, 3 pm

Aleksandr Sakharov, deputy director, Institute of History, Russian Academy of Sciences, Moscow, "Collapse of Kievan Rus': Decline or Progress?" 2-58 Tory Building.

6 November, 3 pm

Ron Love, University of Saskatchewan, "Simon de La Loubère; French View of Siam in the 1680's." 2-58 Tory Building.

HOME ECONOMICS

EL Empey Lectureship in Home Economics

4 November, 7:30 pm

Eleanore Vaines, School of Family and Nutritional Sciences, University of British Columbia, "Ecology as a Unifying Theme." 231A Law Centre.

5 November, 12:30 pm

Panel discussion on, "Ecology: The Unifying Theme for the New Faculty." Panelists: Eleanore Vaines, Ellen MacDonald and Peter Apedaile. Moderator: Jason Montgomery. 207A Law Centre.

IMMUNOLOGY

12 November, 4 pm

Mark M Davis, molecular biologist, Howard Hughes Medical Institute, Stanford University, "The Molecular Components of T Cell Recognition." Sponsored by the Alberta Heritage Foundation for Medical Research. 231 Medical Sciences Building.

LAW

5 November, 12:15 pm

Mel Hurtig, "Canada: Where Do We Go From Here?" 237 Law Centre.

LIMNOLOGY AND FISHERIES DISCUSSION GROUP

5 November, 12:30 pm

Gary Scrimgeour, "Risk Sensitive Foraging by a Mayfly." M-149 Biological Sciences Centre.

TALKS

12 November, 12:30 pm

Stuart Rood, Department of Biology, University of Lethbridge, "The Collapse of Cottonwood Forests Along Rivers in the Rocky Mountain Foothills." M-149 Biological Sciences Centre.

MUSIC

7 November, 1 pm

Carole Terry, University of Washington, Seattle, "French Baroque Organ Music" (lecture-demonstration). Convocation Hall.

12 November, 3:30 pm

Jolanta Pekacz, "Popular Music in Historical Perspective." 2-32 Fine Arts Building.

NURSING

3 November, noon

Jean Watson, professor of nursing and director, Center for Human Caring, and associate director, Denver Nursing Project in Human Caring, "Caring as an Ontology: Considering Ontological Caring Competencies." 2-117 Clinical Sciences Building.

3 November, 4 pm

Dr Watson, "The Theory of Caring." Bernard Snell Hall, Mackenzie Health Sciences Centre.

PEDIATRICS, GASTROENTEROLOGY, AND NUTRITION AND METABOLISM RESEARCH GROUP

4 November, 11 am

Grant Gall, professor of Pediatrics/Internal Medicine, and associate dean (research), Faculty of Medicine, University of Calgary, "Regulation of Intestinal Brush Border Surface Area." 2J4.02 Mackenzie Health Sciences Centre.

PETER JACYK CENTRE FOR UKRAINIAN HISTORICAL RESEARCH

12 November, 3:30 pm

Zenon Kohut, "Russian-Ukrainian Relations in the Eighteenth Century." 352 Athabasca Hall.

PHARMACOLOGY AND THE CARDIOVASCULAR DISEASE RESEARCH GROUP

2 November, 4 pm

Shawn C Black, Department of Pharmacology, University of Michigan, Ann Arbor, "Pharmacologic Antagonism of Ischemic and Reperfusion-Induced Myocardial Injury." Sponsor: Alberta Heritage Foundation for Medical Research. 207 Heritage Medical Research Centre.

3 November, noon

Marke Radomski, The Wellcome Research Laboratories, London, England, "The Cardiovascular Actions of Nitric Oxide." Sponsor: Alberta Heritage Foundation for Medical Research. 207 Heritage Medical Research Centre.

PHYSICS

30 October, 2 pm

Gretchen LH Harris, Department of Physics, University of Waterloo, "Globular Clusters and Galaxy Archaeology: Metallicities of Extragalactic Systems." V-121 V-Wing.

RURAL ECONOMY

2 November, 3:15 pm

Brian T Oleson, executive director of Planning, Canadian Wheat Board, Winnipeg, "Don't Interrupt Your Enemy When He's Making a Mistake: Thoughts on a Summer at the Harvard Business School." 519 General Services Building.

SLAVIC AND EAST EUROPEAN STUDIES

9 November, 2 pm

AN Sakharov, deputy-director, Institute of History, Russian Academy of Sciences, Moscow, "Nationalism: Help or Hindrance in the Former Soviet Union." 141 Arts Building.

SLAVIC AND EAST EUROPEAN STUDIES AND COMPARATIVE LITERATURE

12 November, 3 pm

Mikhail Bilinkis, St Petersburg State University, "The Tartu School of Literary Theoretical Research in the Historical Context. From the Search for Universalia to Cultural Social Research." Lecture in Russian with a simultaneous translation into English. 141 Arts Building.

SOCIOLOGY

4 November, noon

Edem Frank Avakame, "Who Are the Spouse Beaters? Challenging Some Conventional Wisdoms." 5-15 Tory Building.

SOIL SCIENCE

5 November, 12:30 pm

Susan Jensen, "*Streptomyces* as a Cause of Taste and Odor Problems in Drinking Water Supplies." 2-36 Earth Sciences Building.

UNIVERSITY TEACHING SERVICES

2 November, 3 pm

Robert H Short, "Learner-Centred Psychological Principles: Implications for Instruction and the Assessment of Student Achievement." 369 CAB.

3 November, 3:30 pm

L Peter Apedaile, "Enhancing Conscious Learning." 269 CAB.

4 November, 3 pm

Manfred Prokop, "Techniques for Involving Students in Small-Group Lectures." 369 CAB.

5 November, 3:30 pm

Don Spady and William C Taylor, "An Approach to Problem-Based Learning." 269 CAB.

9 November, 2 pm

Katherine Hildebrand, Grant MacEwan Community College, "Improving Your Memory." 369 CAB.

12 November, 3:30 pm

Asad Ahmed, "Teaching Without a Text Book: An Unconventional Approach." 269 CAB.

WOMEN'S PROGRAM, FACULTY OF EXTENSION

12 November, 7:30 pm

Film and Panel Discussion on Reproductive Technologies. Will be showing "Making Perfect Babies", a film which looks at genetic screening and raises questions about the social and economic forces which may influence the development and use of the procedure. 2-115 Education North.

ZOOLOGY

30 October, noon

Dan Farr, "Forest Bird Distribution Patterns in West-Central Alberta: Implications for Conservation." G-208 Biological Sciences Building.

30 October, 3:30 pm


Kathy Martin, Scarborough Campus, University of Toronto, "Getting by on High: Embryonic Development Times, Predation Risk, and Renesting in Alpine Birds." M-149 Biological Sciences Centre.

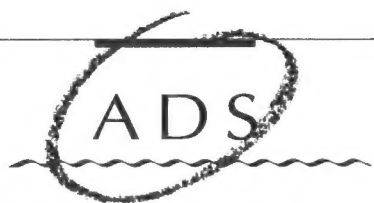
6 November, noon

Cindy Paszkowski, "The Piscivore, the Prey and Other Problems." G-208 Biological Sciences Centre.

6 November, 3:30 pm

Peter Waser, Department of Biological Sciences, Purdue University, "Reproductive Suppression and its Correlates in a Gregarious Carnivore." M-149 Biological Sciences Centre.

 This symbol denotes environmentally related seminars/events. If you wish to have an environmentally related event listed in this way, please contact: The Environmental Research and Studies Centre, 492-6659.



ACCOMMODATIONS AVAILABLE

VICTORIA PROPERTIES - Experienced, knowledgeable realtor with Edmonton references will answer all queries, and send information. No cost or obligation. Call (604) 595-3200, Lois Dutton, Re/Max, Ports West, Victoria, BC.

RENT - Lynnwood, west end, bright, cozy bungalow. Three minutes from Meadowlark Shopping Centre. Immediate. \$900/month. Janet Jenner, Spencer Realty, 435-0808.

RENT - Southwest penthouse, two levels. Luxurious living, breathtaking view of river valley. \$1,600/month. Immediate. Janet Jenner, Spencer Realty, 435-0808.

RENT - Riverbend, Terwillegar, sparkling, two storey, four bedrooms, 2,300', jacuzzi. \$1,600/month, immediate. Janet Jenner, Spencer Realty, 435-0808.

RENT - Central, Glenora, renovated character home. Vaulted ceiling, circular stairs, immediate. \$1,500/month. Janet Jenner, Spencer Realty, 435-0808.

RENT - Southeast, ranch-style bungalow. Three bedrooms up, one down. Fireplace, off-white carpet, no pets/smokers. \$1,000/month. Janet Jenner, Spencer Realty, 435-0808.

SHARE - Wanted, quiet individual to share house with two others. Rent, \$270/month. Janet Jenner, Spencer Realty, 435-0808.

SALE - Four bedrooms, 1,360'. Walking distance to campus. Affordable price. Call Ron Haddad, Metro City, 439-3300.

RENT - Comfortably furnished, west end bungalow, 15 November-April or portion, \$500/month plus utilities. 484-8946.

SALE - Perry-built bungalow, open beam, totally upgraded, berber hardwood. Three baths. Excellent park location. Reduced \$139,900. Sherry Mailo, Re/Max, 438-7000.

SALE - Riverbend, Hillview 1 1/2 storey. Ceramic tile, hardwood. City view. Sherry Mailo, Re/Max, 438-7000.

SALE - Bungalow, University area, 1,320'. Immaculate, hardwood floors, \$131,900. Sherry Mailo, Re/Max, 438-7000.

SALE - Great home, Old Riverbend, on huge lot backing onto ravine. Very quiet, private setting. Owner wants offers. Listed at \$279,000. Dick Scragg, Royal LePage, 438-4700.

RENT - Patricia Heights, west end. Furnished, executive, 2,000', immaculate. Quiet, family neighbourhood, garage, beautiful yard, deck barbecue. January 1993. References required. 436-1385 days, 454-7196 evenings.

RENT - Michener Park, two bedroom rowhouses and apartments in University residence located in southwest Edmonton. Excellent bus service to University, utilities included. All inquiries welcome, 492-7044.

SALE - University bungalow, off Saskatchewan Drive, totally renovated. 1,500', new kitchen/bathrooms. Formal dining room/French doors. New double attached garage. Move in and enjoy. Betty Horch, Sutton Group. 483-4848.

SALE - By owner, Glenora, ravine view, very quiet. Attractive, two bedroom bungalow. Upgraded throughout. New bathroom and kitchen. Fireplace, double garage, great location. \$156,900. Must see! 455-0620.

RENT - Old Strathcona, three bedroom. Furnished main floor suite. Hardwood floors, \$900/month, utilities included. Available December. 434-6287.

RENT - New, 1,160' condo. Beautiful, 15-unit building, University/Old Strathcona area. Two bedrooms, two full baths, two parking stalls. Six appliances, fireplace, upgrading throughout. Nonsmoking. 1 December. 998-3988.

RENT - Two fully furnished suites, large sunny windows, private entrance, nicely deco-

rated bathroom. Washer/dryer/fridge/ stove, parking stall. Excellent for visiting professor. 433-5674.

SALE - Exceptional three bedroom, large bungalow. Fully finished basement, alarm system, intercom, three full bathrooms, double detached, heated garage. Walk to University and ravine. Joan Lynch, Re/Max Realty, 433-9025, 438-7000.

BED AND BREAKFAST - Large bedroom and adjoining sitting room available for visiting faculty members. Convenient location. 451-2847.

SALE - Belgravia, \$138,900, 945' bungalow. Excellent location with south yard, double garage, developed basement. Ed Lastiwka, Royal LePage Realty, 437-7480, 446-3800.

SALE - Malmo, architecturally unique, 1,450' high level bungalow. Seven rooms, fireplace, jacuzzi, double attached and detached garage. Well maintained by original owner. \$159,500. 11143 50 Avenue. Please phone 434-6232.

SALE - Grandview. Treed yard, ravine nearby. Asking \$218,000. Pat vonBorstel, Spencer Realty, 435-0808, 437-6540.

RENT - Parkallen bungalow. Quiet street, treed yard, double garage. Two bedrooms up, one down plus family room, two baths. Super condition, all appliances. Pina, 434-4882, Pat, Spencer Realty, 435-0808.

RENT - Immaculate, 3,000', four bedroom executive home. Fully furnished, seven appliances, air conditioned, double garage. Close to University, available immediately. Steve, Ted Power Realty, 454-3819.

SALE - Malmo Plains. Gorgeous, upgraded, open-beam bungalow, approximately 1,200'. Bright, spacious home with professionally finished basement. Excellent, quiet location. Call now. Star Gendron, Re/Max Real Estate, 484-5200, 446-7421.

RENT - Small, one bedroom home, Mill Creek. Hardwood floors, garage, large yard. One block from ravine. Available 1 November. 433-5417, 433-5418.

RENT - Four bedroom, 1 1/2 storey. Garage space, walk to University. Quiet, immaculate, appliances. \$950, references needed, viewing appointment only. Loraine, (403) 556-6658 evening, (403) 556-6911 day.

SALE - Saskatchewan Drive. Quiet location, super river view. Spacious bungalow, lot 80 x 150. Walk to University/hospital. Chris Tenove, Spencer Realty, 435-0808, 433-5664.

RENT - Spacious two bedroom, 2,300', furnished, river valley, quiet. Six minutes from campus. June 1993 - July 1994. Possibility of exchange: England, France, Italy. \$1,500/month. 469-4992.

ACCOMMODATIONS WANTED

MATURE, UNIVERSITY EMPLOYEE available to housesit. Previous experience. Phone Joanna, 433-8668 or 492-6365.

HOUSESITTING - Graduate student couple looking for house to sit near University. Available immediately. Excellent references. Nonsmoking, quiet. Phone Laurie, 492-2056 (day).

RESPONSIBLE MALE requires accommodation. Edmonton, 10 November - 23 January. Prefer housesit or moderate sublet. Call 1-246-5963 collect.

AUTOMOBILES

SALE - Olds Wagon, 78 Custom Cruiser. Loaded, excellent shape. Asking \$1,000. 436-0260 after 5 pm. 435-7802.

GOODS FOR SALE

CASH PAID FOR APPLIANCES, 432-0272.

FOR SALE - Cocker spaniel puppies, CKC reg. Golden-buff. Five months old. Show quality. Available to good homes. Phone 988-5186.

YAMAHA 6' grand piano (G3), ebony with satin finish, 15 years old, excellent condition. Asking \$12,500 obo. 451-6194.

HEINTZMAN, 44" upright piano. Excellent. Asking \$3,200. 492-0765, 487-2470.

SERVICES

DONNIC WORD PROCESSING - Since 1978, specializing in theses, manuscripts, etc. 453-2769.

AD HOC - Word processing/laser medical/general transcription, cv's/résumés, theses, etc. 451-3315.

COMPUTERIZED LITERATURE SEARCHING - Expert information retrieval by experienced scientist. All areas. Requests accepted by phone. No red tape! Competitive rates. Satisfaction guaranteed. JL Citation Services, 487-8652.

DAVID RICHARDS CARPENTRY - Certified journeyman NAIT. Complete interior and exterior residential renovations including plumbing and electrical. References available. 436-6363.

PROFESSIONAL TYPIST - Word processing. Specializing in theses, dissertations, manuscripts. Gwen, 467-0515.

PROFESSIONAL WORD PROCESSOR - Engineering and general transcription, résumés, manuscripts. Reasonable. 481-5274.

BACK BASICS REMEDIAL THERAPY. Supplementary health care coverage. 436-8059.

PDQ WORD PROCESSING - Laser printer, \$1.50 per double-spaced page. 11418 79 Avenue. 438-8287.

DON'S TYPING SERVICE - St Albert area, laser printer. 459-6532.

MARG'S WORD PERFECT 5.1 SERVICES - Type résumés, letters, memos, theses, manuscripts. Reasonable rates. Phone 435-3488.

PROFESSIONAL SEAMSTRESS - Specialize in bridal wear, dresses, slacks, suits, blouses made to order. Available in irregular sizes. General alterations. "Special" jeans hemmed, \$1.99. Contact Phil, 469-6292.

WORD EXPRESS - Experienced technical editor. Books, proposals, conference papers, journal submissions, reports, etc. 987-3555.

HEARTWOOD RENOVATIONS - Complete interior renovations. Specializing in basements, bathrooms, kitchens. Count on us for all your home repairs. No job too small. References available. Phone Dennis Ellerman, 466-5941.

MISCELLANEOUS

ASSOCIATE HEAD LIBRARIAN (Public Services). Duties: development of public service programs; collection; staffing; supervision. MLS required. Application: Dr Gow, Concordia College, 7128 Ada Boulevard, Edmonton T5B 4E4. Telephone 479-8481, fax 474-1933.

ASSOCIATION TO SAVE KEILLOR ROAD requires volunteers to collect petition signatures on campus and elsewhere. Please call the Keillor Road Coordinator at 438-4610. We need your help!

PERFORMER/COMPOSER (MMus, RMT) offers private instruction in jazz piano, jazz improvisation, theory, composition and arranging. Bill Richards, 434-9034.

POSITIONS



The University of Alberta is committed to the principle of equity in employment. The University encourages applications from aboriginal persons, disabled persons, members of visible minorities and women.

ACADEMIC

MANAGER OF COMPUTER OPERATIONS

Applications are invited for the continuing appointment position of Manager of Computer Operations. The Manager must oversee the evaluation, installation, maintenance, consultation and training, and the inventory on basic systems software used by staff and students. Basic software systems includes the UNIX Operating System and related utilities for back-

ups, accounting and news/mail. He/She must also monitor usage, load balancing and security of these systems. Applicants should also have demonstrated interest in and ability to support ongoing research projects. The Manager supervises a staff of four.

The Department of Computing Science consists of 35 academic and 29 support staff. Current hardware support for research includes a local area network consisting of a MIPS M/120, a Silicon Graphics 4D/340S computer, more than 100 Sun Workstations, four terminal servers, four Fastpath localtalk/Ethernet gateways and an SPS-2 64-PE Supercomputer. In addition to the various flavors of the Unix Operating System, supported software systems include the MIT X Window System (with Interviews, XView3 and Khoros); news and mail with ean, 2 mailer, elm and nn; troff; TeX, postscript previewers and laserwriter printing software (CAP); CPU time synchronization software (xntp); and most Free Software Foundation's GNU software tools. Well-supported laboratories exist for AI, database, distributed systems, distributed operating systems, graphics, programming languages, robotics, software engineering, telecommunications, theory and vision/image research.

The Department expects candidates to possess an MSc or PhD (preferred) in Computing Science with several years of experience in UNIX operating systems. The current salary minimum (Faculty Service Officer II) is \$40,035 with the appointment level being commensurate with qualifications and experience. Send *curriculum vitae*, the names of three references and copies of publications, if available.

Apply to: Dr Paul G Sorenson, Chair, Department of Computing Science, University of Alberta, 615 General Services Building, Edmonton, Alberta, Canada T6G 2H1.

Applications will be accepted until 30 November 1992 with tentative appointment effective 1 January 1993.

In accordance with Canadian Immigration requirements, this ad is directed to Canadian citizens and permanent residents.

SUPPORT STAFF

To obtain further information on the following positions, please contact Personnel Services and Staff Relations, 2-40 Assiniboia Hall, telephone 492-5201. Due to publication lead time and the fact that positions are filled on an ongoing basis, these vacancies cannot be guaranteed beyond 23 October 1992. For a more up-to-date listing, please consult the weekly Employment Opportunities Bulletin and/or the postings in PSSR. Positions available as of 23 October 1992.

The salary rates for the following positions reflect adjustments in accordance with the new classification system and pay plan.

SECRETARY/RECEPTIONIST (Grade 5) (Trust/Part-time), Biochemistry, (\$946 - \$1,172) (prorated)

ADMINISTRATIVE CLERK (LIAISON/PUBLICATIONS ASSISTANT) (Grade 6), Office of the Registrar, (\$2,070 - \$2,580)

ADMINISTRATIVE ASSISTANT (Grade 7), Office of the Dean of Arts, (\$2,254 - \$2,826)

ADMINISTRATIVE ASSISTANT (RESIDENCE LIFE COORDINATOR) (Grade 9), Housing and Food Services, (\$2,636 - \$3,343)

The following positions retain salary rates in accordance with the previous classification system and pay plan.

SECRETARY (Trust/Part-time), Physics, (\$1,067 - \$1,363) (prorated)

SURGICAL TECHNICIAN (Trust), Faculty of Medicine (Cardiology), (\$2,093 - \$2,692)

TECHNOLOGIST I/II (Trust), Pharmacology, (\$2,273 - \$3,202)

U of A hosts Hoffmann-La Roche Lecture

Robert Smith, Associate Professor of Medicine, Harvard Medical School, will present the 1992 Hoffmann-La Roche Lecture, which is titled "Molecular Biology and Nutrition: Accomplishments and Expectations for the Future."

Dr Smith will speak 12 November at 3:30 pm in 129 Education South. The lecture is sponsored by the Canadian Society for Nutritional Sciences in conjunction with the Nutrition and Metabolism Group, University of Alberta. It is open to all health professionals and nutritionists.

Dr Smith is the Acting Director of the Joslin Diabetes Center. His major research interests involve mechanisms of insulin and insulin-growth factor action, regulation of glucose transport, and regulation of amino acid metabolism and nutrient/hormone interrelationships in catabolic diseases states.

On 13 November (9 am, Classroom D, Mackenzie Health Sciences Centre), Dr Smith will conduct a research seminar, called "Diabetes and Big Babies; Insights into the Molecular Complexities of Insulin and Insulin-like Growth Factor."

The Hoffmann-La Roche Lecture was initiated in 1971. Locations are rotated annually in Canada to reach as large an audience as possible.

Further details on the two events may be obtained by calling Michael McBurney (Foods and Nutrition) at 492-7673.

Wastle seconded to United Way

Sharon Wastle, Telecommunications Manager, Physical Plant, is the Loaned Representative provided from the University of Alberta to the United Way Campaign.

She was selected by Glenn Harris, Vice President (Finance and Administration) for a three-month secondment to the United Way.

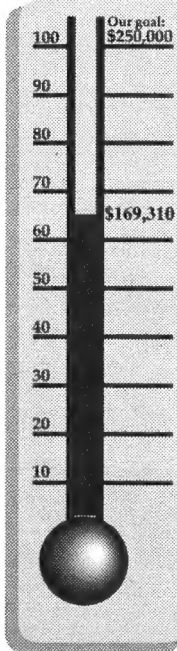
Wastle is working in the category of Major Corporations; her accounts include Toronto Dominion Bank, Canadian National Railways and the *Edmonton Journal*.

Loaned Representatives are recruited each year from companies and organizations to work full-time for the United Way during the annual fall campaign. Loaned Reps are an extension of United Way staff; their salaries and expenses are

paid by the sponsoring organizations.

The primary focus of Loaned Representatives is to support Employee Campaigns in the workplace.

A great many companies participate in the Loaned Representative Program. Education is represented by Alberta Advanced Education, the University of Alberta and Grant MacEwan Community College.



EVENTS

EXHIBITIONS

FAB GALLERY

Until 22 November

"Current Work Phil Darrah." Gallery hours: Tuesday to Friday, 10 am to 5 pm; Sunday, 2 to 5 pm; Monday and Saturday, closed. 1-1 Fine Arts Building.

MCMULLEN GALLERY

Until 10 November

"Nature's Own Image"—sculptures by Ted Trusz and paintings by Andrew Raszewski. Hours: Monday to Friday, 10 am to 4 pm; Saturday and Sunday, 10 to 4 pm (subject to availability of volunteers). Information: 492-8428 or 492-4211. Mackenzie Health Sciences Centre.

SPORTS

BASKETBALL

2 November, 7:30 pm Bears vs Lewis & Clark State

5 to 7 November Edmonton Journal Golden Bear Invitational

ARTranslation Inc.

Translation & Editing Services

Annie Robberecht

Certified Translator (ATIA, STQ)

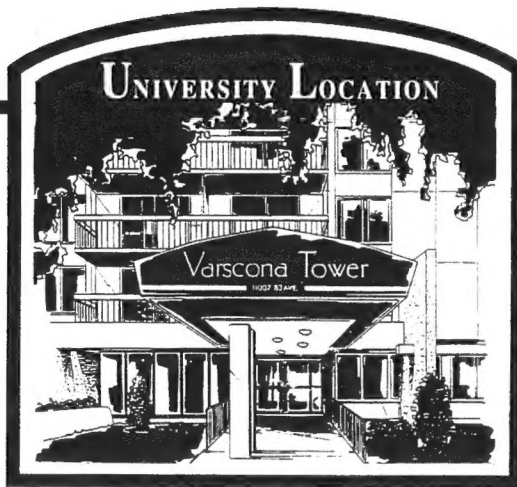
Tel. 438-6105 Fax 436-9027
Full Editing Services Available in French

Apex Publications, Design & Illustrations

for fast, reliable and inexpensive service.

- Technical illustrations for • Research
- Presentation materials • Teaching
- Free pick-up & delivery • Publicity

CALL 436-6071



VARSCONA TOWER

- * Walking Distance to the U of A Campus and U of A Hospital
- * Affordable Condominium Living in the Garneau Area
- * Large Units with Choice of Spacious Layouts
- * CMHC Approved - 5% Down

Call 433-4050
for further details

OPEN HOUSE

11007 - 83 Ave.

Mon - Fri - 3:30 - 8:30 pm

Sat, Sun - 12:00 - 5:00 pm

FOOTBALL

30 October, 7:30 pm Bears vs Calgary. Clark Stadium.

HOCKEY

6 and 7 November, 7:30 pm Bears vs Manitoba

SOCCER

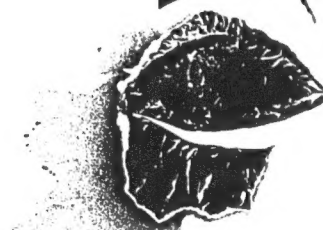
31 October, 1 pm Pandas vs Saskatchewan

31 October, 3 pm Bears vs Saskatchewan

By Sean O'Casey

The Shadow of a Gunman

Directed by James DeFelice



Alas,
alas!
pain,
pain,
pain ever,
for ever!

November 5 - 14, 1992

University of Alberta Drama Department
Box Office 3-146 Fine Arts Building 492-2495
Performances at Myer Horowitz Theatre
SUB, 8:00 P.M. (No performance on Sunday)
Matinee Thursday, November 12, 1992, 2:00 P.M.

CENTRE FOR RESEARCH IN MATERNAL, FETAL AND NEWBORN HEALTH

and The University of Alberta
presents The Berlex Canada Inc. Lecture

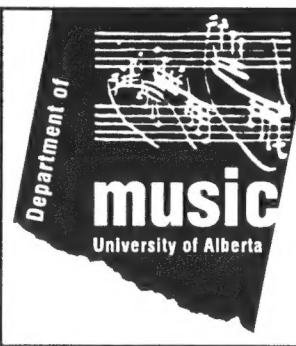
"AIDS and the Unborn: Current Perspectives and Future Challenges."

by
Dr. Tom Wegmann, Professor
Department of Immunology,
University of Alberta

Thursday, November 5, 1992
7:30 p.m. Bernard Snell Hall
Walter C. MacKenzie
Health Sciences Centre
University of Alberta Hospitals

Dr. Wegmann will discuss the routes of transmission of the HIV virus from an infected mother to her unborn child and the prospects for preventing this transmission. He will also describe the suspected methods of infectivity and how this influences fertility.

PUBLIC WELCOME



Department of music
University of Alberta

Mon., Nov. 2 at noon
Luc Beausejour, harpsichord

Fri., Nov. 6 at 8pm
Claude Delangle, saxophone

Sun., Nov. 8 at 8 pm
Tanya Prochazka, 'cello &
Stéphane Lemelin, piano

In Convocation Hall, Arts Bldg.
Info: Dept. of Music: 492-3263.



JAVA JIVE

FRESH ROASTED GOURMET COFFEE

\$1.00 off


Any Gourmet Coffee purchase over \$5.00

Limit One Coupon per Purchase Valid at all Locations



PLEASE
RECYCLE
THIS PAPER

CAMPUS TOWER SUITE HOTEL



In the of the University

of Alberta Campus across from the University Hospital, a warm fire is burning. Campus Tower's contemporary atmosphere provides quiet ambience on a daily, weekly, or monthly basis.

Campus Tower is definitely the only place to stay in the University area!

Amenities


- bachelor, one and two bedroom suites
- fully equipped kitchens • exercise room • meeting rooms • restaurant • complimentary parking • weekend shuttle service to West Edmonton Mall

University Rates


\$62.00 per day on a daily basis
\$54.00 per day on a weekly basis
\$50.00 per day on monthly basis

for a one bedroom suite
rates are subject to change

Reservations
Phone (403) 439-6060



CAMPUS TOWER
11145 - 87 Avenue
Edmonton, Alberta
T6G 0Y1



Faculty of Extension
University of Alberta

Opera at Lincoln Centre
New York
February 24-28, 1993

Includes:
The New York Philharmonic during its 150th Anniversary, *Der Rosenkavalier*, *Girl of the Golden West*, and *Il Trovatore*.

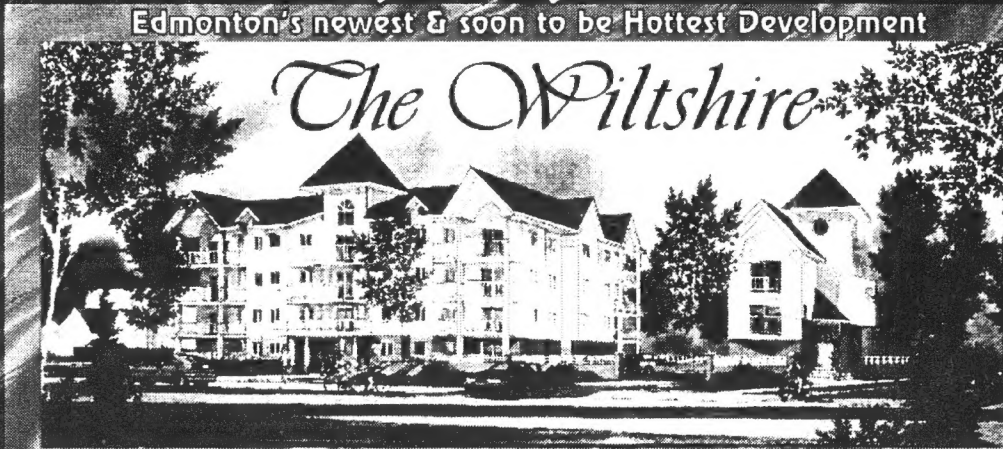
Optional:
Cavalleria Rusticana/*Pagliacci*, *Broadway*, *Off-Broadway*.

Please call Mr. Val Smyth at 492-0166 for further information.

SNEAK PREVIEW...

Edmonton's newest & soon to be Hottest Development

The Wiltshire



NOW PRE-SELLING... 20 LUXURY CONDOMINIUMS
78 Ave. & 108 St. - Only blocks from Old Strathcona & Downtown


- Unsurpassed park location
- Luxury finishes
- Elevator & 8 distinctive floor plans

OCTOBER BONUS
Next 3 buyers receive a \$2000 rebate.

PRICED FROM \$119,800 (GST not incl.)

MARKETED EXCLUSIVELY BY
ALAN GEE
438-1575

RE/MAX
real estate




Catherine M. Fletcher D.D.S.

DENTIST


#980, 8215-112 Street
College Plaza 3
Edmonton, Alberta
T6G 2C8
439-2266

Our hours are:
Mon. 9am - 5pm
Tues.-Fri. 8am - 4pm



Royal Caribbean Cruises

"READING WEEK MEXICAN RIVIERA CRUISE"
JOIN NEWWEST TRAVEL FEBRUARY 20 AND SAIL ABOARD THE SHIP OF THE YEAR "SONG OF AMERICA", FOR 7 SUN FILLED DAYS. GREAT SHOPPING, SUN BAKED BEACHES, AND FABULOUS FOOD ALL AWAIT YOU ON THIS EXCITING VACATION. FROM \$999.00us FOR A FREE BROCHURE CALL NEWWEST TRAVEL 432-7446 24 HRS. 8625 - 112 ST. "SERVING THE FACULTY OF THE U OF A FOR 23 YEARS"



• presents •

FACT or FICTION

FACT: We are *NOT* a Franchise.

FACT: We are Family Owned and Operated, Since 1976.

FACT: *HUB MALL* was the Birthplace of *JAVA JIVE*.

FACT: We Create Employment for more than 40 Dedicated People.

FACT: We Process and Roast Gourmet Coffee *Right Here* in Edmonton.

FACT: We Appreciate Your Continued Support!

We Learned From You!



SENATE TRAVEL


Since 1969 We've Studied The Travel Needs Of The University Community.

- University, business and vacation travel
- 1 year sabbatical air fares and other special arrangements
- Groups • Conference Arrangements
- Air, Tour, Hotel and Car Reservations
- Insurance • Rail Passes

SENATE TRAVEL U of A Travel Specialists
Phone 492-2756
9006 HUB MALL

GNOSIS AND PNEUMA

(sponsored by UACCA)



12:30-1:30
Thursdays
158A SUB

Francis Landy
November 19th
David Goa
January 21
Randi Warne
February 11

KNOWLEDGE AND SPIRIT

a series of talks examining the University, Knowledge and Spirit

November 5th

"Reliable Knowledge: What is it?"

Dr. Winnie Tomm
Co-ordinator Women's Studies